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SEARCH REQUEST FORM

Examiner # (Mandatory): 68708 Requester's Full Name: Stephen Rick CroninArt Unit 3727 Location (Bldg/Room#): CP2-9D25 Phone (circle 305 306 308) 4296Serial Number: 09/375164 Results Format Preferred (circle): PAPER DISK E-MAILTitle of Invention Spill-Reduction Cap for Fluid ContainerInventors (please provide full names): Brian M Adams, Hoa Pham, Daniel LuchEarliest Priority Date: 10/8/91

Keywords (include any known synonyms registry numbers, explanation of initialisms):

Search Topic:

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

Please conduct a litigation search on Reissue application
09/375164 and parent patents 5687865, 5662231, 5232125.

— no reported litigation for any of the 3 —

PATNO IS 5687865

Leys search

DATE: FEBRUARY 3, 2000
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 5687865

Number of PATENTS found with your search request through:

LEVEL 1 1

Your search request has found 1 PATENT through Level 1.

To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.

To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 5,687,865, Nov. 18, 1997, Spill-reduction cap for fluid container, Adams, Brian M., Newark, California Pham, Hoa, Mountain View, California Luch, Daniel, Morgan Hill, California, Portola Packaging, Inc., San Jose, California (02)

CORE TERMS: cap, neck, stretch, bottle, thread, scoreline, skirt, bead, tear, dispenser...

LEVEL 1 - 1 OF 1 PATENT

5,687,865

<=2> GET 1st DRAWING SHEET OF 3

Nov. 18, 1997

Spill-reduction cap for fluid container

CERTCORR: Nov. 24, 1998 a Certificate of Correction was issued for this patent

CORE TERMS: cap, neck, stretch, bottle, thread, scoreline, skirt, bead, tear, dispenser...

5687865 OR 5687865

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

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QUESTEL.ORBIT
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For information on content, ..INFO LGST

Search statement 1

?/pn us5687865

** SS 1: Results 1

Search statement 2

?prt pset 1

1/1 LGST - (C) LEGSTAT

Patent Number -US 5687865 [US5687865]
Application Number -US 441322/95 19950515 [1995US-0441322]
Document Type -US-P
Action Taken -19950515 US/AE-A
APPLICATION DATA (PATENT)
{US 441322/95 19950515 [1995US-0441322]}
-19950707 US/AS02
ASSIGNMENT OF ASSIGNOR'S INTEREST
PORTOLA PACKAGING, INC. 890 FAULSTICH COURT SAN JOSE,
CALIFORNIA 95112 * ADAMS, BRIAN M. : 19950623; PHAM, HOA
: 19950623; LUCH, DANIEL : 19950706
-19971118 US/A
PATENT
-19981124 US/CC
CERTIFICATE OF CORRECTION
-19990928 US/RF
REISSUE APPLICATION FILED

Continue: Y / N
?file lita

Selected file: LITA

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CURRENT THRU WEEKLY UPDATE (2000-03)
FOR FURTHER INFORMATION ON TECHNICAL CONTENT
OF THIS DATABASE, TYPE ..INFO LITA)

Search statement 1

?nbr /pn us5687865

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4	2	US5687751
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6	1	US5688254
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8	5	US5688648
9	1	US5689034
10	1	US5689036
11	4	US5689323
12	3	US5689637
13	1	US5690350
14	1	US5690466
15	2	US5691169

no citations for 1865 in LITALERT

Some: numbers / Continue: Y / None: N

?file past

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Covers 1973 thru weekly update (2000-04)
for further information on technical content of this database,
type ..INFO PAST

Search statement 1

?nbr /pn us5687865

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2	1	US5687847
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4	1	US5687858
5	1	US5687865
6	3	US5687909
7	1	US5687912
8	1	US5687916
9	1	US5687929
10	1	US5687932
11	1	US5687943
12	1	US5687947
13	1	US5687952
14	2	US5687986
15	1	US5687993

Some: numbers / Continue: Y / None: N

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** SS 1: Results 1
Continue: Y / N

?prt pset 1

1/1 PAST - (C) PAST
Accession Number -199939-000735

Patent Number -5687865 A [US5687865]
Official Gazette Dat-1999-09-28
Actions -REISSUE APPLICATION FILED

RECEIVED

SEP 28 1999

PATNO IS 5232125

Leys search

DATE: FEBRUARY 3, 2000
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 5232125

Number of PATENTS found with your search request through:

LEVEL: 1... 1

Your search request has found 1 PATENT through Level 1

To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.

To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 5,232,125, Aug. 3, 1993, Non-spill bottle cap used with water dispensers, Adams, Brian M., Newark, California, Portola Packaging, Inc., San Jose, California (02), Date Transaction Recorded: Aug. 22, 1994 FREE FORM TEXT MERGER (SEE DOCUMENT FOR DETAILS.) PORTOLA PACKAGING, INC. A DE CORP. 890 FAULSTICH COURT SAN JOSE, CALIFORNIA 95112 Reel & Frame Number: 7107/0268 Date Transaction Recorded: Sep. 29, 1994 SECURITY INTEREST (SEE DOCUMENT FOR DETAILS). HELLER FINANCIAL INC., A DELAWARE BUSINESS TRUST 500 WEST MONROE STREET CHICAGO, ILLINOIS 60661 Reel & Frame Number: 7165/0071

CORE TERMS: plug, cap, container, dispenser, skirt, tube, neck, bead, groove, inside...

5,232,125 OR 5232125

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

QUESTEL. ORBIT

?file lgst

Selected file: LGST

Search statement 3

?nbr /pn us5232125

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12	1	US5232132
13	1	US5232133
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Some: numbers / Continue: Y / None: N

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** SS 3: Results 1
Continue: Y / N

?prt pset 1

1/1 LGST - (C) LEGSTAT

Patent Number -US 5232125 [US5232125]

Application Number -US 772949/91 19911008 [1991US-0772949]

Document Type -US-P

Action Taken -19911008 US/AE-A

APPLICATION DATA (PATENT)

{US 772949/91 19911008 [1991US-0772949]}

-19911008 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

CAP SNAP CO. A CORPORATION OF CA 890 FAULSTICH COURT SAN
JOSE, CALIFORNIA 95112 * ADAMS, BRIAN M. : 19911003

-19921019 US/AS06

SECURITY INTEREST

HELLER FINANCIAL, INC. A DE CORPORATION 900 CIRCLE 75
PARKWAY N.W., STE. 900, AT * CAP SNAP CO. : 19921008

-19930803 US/A

PATENT

Update Code -1999-15

Continue: Y / N
?file lita

Selected file: LITA

Search statement 1

?nbr /pn us5232125

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2	1	US5231668
3	1	US5231698
4	1	US5231907
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7	1	US5232425
8	1	US5232454
9	1	US5232455
10	1	US5232470
11	1	US5232513
12	5	US5232646
13	1	US5232925
14	2	US5233654
15	1	US5233869

no citations for '125 in LITALERT

Some: numbers / Continue: Y / None: N

?file past

Selected file: PAST

Search statement 2

?nbr /pn us5232125

1	1	US5232112
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10	1	US5232136
11	1	US5232137
12	1	US5232140
13	1	US5232141
14	1	US5232142
15	1	US5232144

no citations for '125 in

PATENT STATISTICS

Some: numbers / Continue: Y / None: N

PATNO IS 5662231

Leif's search

DATE: FEBRUARY 3, 2000
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 5662231

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.

To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.

To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1 5,662,231, Sep. 2, 1997, Cap for fluid container with threaded neck, Adams, Brian M., Newark, California Luch, Daniel, Morgan Hill, California, Portola Packaging, Inc., San Jose, California (02)

CORE TERMS: cap, neck, thread, stretch, screw thread, tear, barrier, bead, skirt, crown...

5,662,231 OR 5662231

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

QUESTEL. ORBIT

?file lgst

Selected file: LGST

Search statement 2

?/pn us5662231

** SS 2: Results 1

Search statement 3

?prt pset 1

1/1 LGST - (C) LEGSTAT

Patent Number -US 5662231 [US5662231]

Application Number -US 436936/95 19950508 [1995US-0436936]

Document Type -US-P

Action Taken -19950508 US/AE-A

APPLICATION DATA (PATENT)

{US 436936/95 19950508 [1995US-0436936]}

-19950707 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

PORTOLA PACKAGING, INC. 890 FAULSTICH COURT SAN JOSE,
CALIFORNIA 95112 * ADAMS, BRIAN M. : 19950623; LUCH,
DANIEL : 19950706

-19950810 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

COMPUSERVE INCORPORATED P.O. BOX 20212 5000 ARLINGTON
CENTRE BLVD. COLUMBUS, OHI * BEZAIRE, DAVID L. :

19950808; OWENS, STEPHEN J.H. : 19950808; HRONEK, DANIEL
J. : 19950808

Continue: Y / N

?file lita

Selected file: LITA

Search statement 1

?nbr /pn us5662231

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no citations for '231 in LITALERT

8	2	US5662612
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11	2	US5663630
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13	1	US5664275
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7	1	US5662262
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9	1	US5662274
10	1	US5662297
11	1	US5662301
12	1	US5662305
13	1	US5662316
14	1	US5662320
15	2	US5662332

no citations for '231 in PATENT
STATISTICS

Some: numbers / Continue: Y / None: N